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A LIMITED LIABILITY PARTNERSHIP

June 25, 2001

Box New Applications
Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **JUNE 25, 2001**
Title: **LIQUID CRYSTAL DISPLAY USING SWING COMMON
ELECTRODE AND A METHOD FOR DRIVING THE SAME**
Inventors: **Jang-Kun SONG and Joon-Hoo CHOI**
Our Ref: **06192.0177.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**LIQUID CRYSTAL DISPLAY USING SWING COMMON
ELECTRODE AND A METHOD FOR DRIVING THE SAME**

and naming as inventors: **Jang-Kun SONG
Joon-Hoo CHOI**

the application consisting of:

- a. A specification containing:
 - (i) 29 pages of description prior to the claims;
 - (ii) 11 pages of claims (22 claims);
 - (iii) a one (1) page abstract;
 - b. 12 sheets of drawings: (**Figures 1, 2, 3, 4, 4, 5, 6, 7, 8, 9, 10, 11, 12,
13, 14, 15, 16, 17, 18, 19, 20 and 21**)
4. Executed Combined Declaration-Power Attorney;
 5. Executed Assignment and PTO 1595 Assignment Recordation Sheet

06/25/01
PTO
1595
06/25/01

jc973 U.S. PTO
09/887117

06/25/01



Box New Applications
Attorney Docket No. 06192.0215.NPUS00
June 25, 2001
Page 2

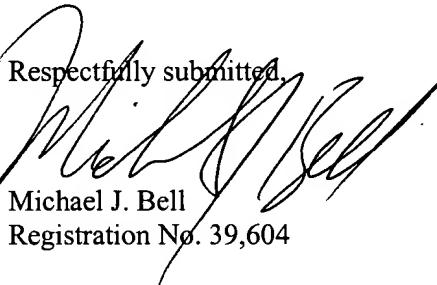
5. Claim for Priority and certified copy of Korean Patent No. 2000-43511 filed July 27, 2000;
6. Check No. 355439 in the amount of \$820.00 and Check No. 355438 in the amount of \$40.00 to cover the following Fees

\$710.00	Basic Application Filing Fee
\$116.00	Extra Claims fee
\$ 40.00	Assignment Recordation Fee

8. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0177.NPUS00.
A duplicate of this letter is enclosed.

Respectfully submitted,

Michael J. Bell
Registration No. 39,604

Enclosures

06192.0215.NPUS00

HOWREY SIMON ARNOLD & WHITE, LLP
Box No. 34
1299 Pennsylvania Avenue, NW
Washington, DC 20004-2402
(202) 783-0800

Attorney Docket No. 06192.0177.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Jang-Kun SONG and Joon-Hoo CHOI**For: **LIQUID CRYSTAL DISPLAY USING SWING COMMON ELECTRODE
AND A METHOD FOR DRIVING THE SAME**

Enclosed is a new application comprising:

- A specification containing: 20 pages of description prior to the claims; 11 pages of claims (22 claims); a one (1) page abstract; 12 sheets of drawings (Figures 1, 2, 3, 4, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21)
- PTO SB/05

The filing fee has been calculated as shown below:

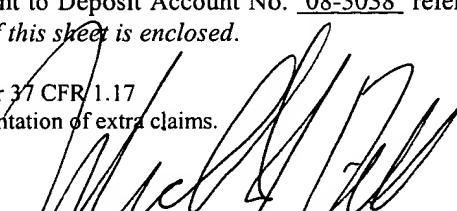
(Col. 1)	(Col. 2)	
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	22-20 =	* 2
INDEP. CLAIMS	4-3 =	* 1
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	FEE	RATE	FEE
	\$ 345.00		\$ 710.00
x 9 =		x 18 =	36.00
x 39 =		x 80 =	80.00
+ 130 =		+ 270 =	
TOTAL		TOTAL	\$826.00

- A check in the amount of \$826.00 to cover the filing fee is enclosed.
- The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0177.NPUS00. *A duplicate copy of this sheet is enclosed.*

- Any patent application processing fees under 37 CFR 1.17
- Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date June 25, 2001

 Michael J. Bell
 Registration No. 39,604

Please type a plus sign (+) inside this box - Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(h))</i>		Attorney Docket No. 06192.0177.NPUS00
		First Named Inventor or Application Identifier Jang-Kun SONG et al
Title	Liquid Crystal Display Using Swing Common Electrode And A Method For Driving The Same	
Express Mail Label No. _____		

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>(Submit an original and a duplicate for fee processing)</i>	6. <input type="checkbox"/> Microfiche Computer Program (<i>Appendix</i>)
2. <input checked="" type="checkbox"/> Specification [Total Pages 32] 7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(preferred arrangement set forth below)</i>	a. <input type="checkbox"/> Computer Readable Copy
- Descriptive title of the Invention	b. <input type="checkbox"/> Paper Copy (identical to computer copy)
- Cross References to Related Applications	c. <input type="checkbox"/> Statement verifying identity of above
- Statement Regarding Fed sponsored R&D	copies
- Reference to Microfiche Appendix	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claims	
- Abstract of the Disclosure	
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 12] 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
4. Oath or Declaration [Total Pages 3] 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney	
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	10. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i>	11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	12. <input type="checkbox"/> Preliminary Amendment
5. <input type="checkbox"/> Incorporation By Reference (<i>useable if Box 4b is checked</i>) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <i>(should be specifically itemized)</i>
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)	14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired
Prior Application Information: Examiner: _____	15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	16. <input type="checkbox"/> Other: _____

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

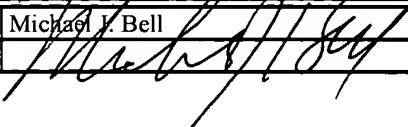
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No. /

Prior Application Information: Examiner: _____ Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label **22930** or Correspondence address below
(Insert Customer No. or Attach bar code label here)

NAME	Michael J. Bell				
	HOWREY SIMON ARNOLD & WHITE, LLP				
ADDRESS	Box No. 34				
	1299 Pennsylvania Avenue, N.W.				
CITY	Washington	STATE	DC	ZIP CODE	20004-2402
COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)	Michael J. Bell		Registration No. (Attorney/Agent)	39,604	
Signature			Date	June 25, 2001	

#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jang-Kun SONG and Jae-Hoon KIM

Application No. **To Be Accorded**

Filed: **June 25, 2001**

For: **LIQUID CRYSTAL DISPLAY WITH A WIDE
VIEWING ANGLE**

Art Unit: **TBD**

Examiner: **TBD**

Atty. Docket: **06192.0214.NPUS00**

jc973 U.S. PTO
09/09/06 11:17
06/25/01

CLAIM FOR PRIORITY UNDER 35 U.S.C. § 119 IN UTILITY APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Priority under 35 U.S.C. § 119 is hereby claimed to the following priority document(s), filed in a foreign country within twelve (12) months prior to the filing of the above-referenced United States utility patent application:

Country	Priority Document Application No.	Filing Date
Republic of Korea	2000-43504	July 27, 2000

A certified copy of each listed priority documents is submitted herewith. Prompt acknowledgment of this claim and submission is respectfully requested.

Respectfully submitted,

Michael J. Bell
Registration No. 39,604

Date: June 25, 2001

HOWREY SIMON ARNOLD & WHITE, LLP
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1299 Pennsylvania Avenue, NW
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